



Substitute for form 1449A/PTO		<b>Complete If Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/815,757		
		Filing Date	April 2, 2004		
		First Named Inventor	Kouji SUMI		
		Art Unit	2853		
		Examiner Name	To Be Assigned		
Sheet	1	of	2	Attorney Docket Number	1089.0260003/ALF

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
KUT	AA1	US-4,688,531	05-26-1987	Asano <i>et al.</i>	
	AB1	US-4,983,390	10-16-1990	Lipeles <i>et al.</i>	
	AC1	US-5,116,643	05-26-1992	Miller <i>et al.</i>	
	AD1	US-5,130,103	07-14-1992	Yamagata <i>et al.</i>	
	AE1	US-5,198,269	03-30-1993	Swartz <i>et al.</i>	
	AF1	US-5,320,907	06-14-1994	Sato	
	AG1	US-5,644,838	07-08-1997	Beratan	
	AH1	US-5,650,382	07-22-1997	Nashimoto	
	AI1	US-6,001,416	12-14-1999	Moriyama <i>et al.</i>	
	AJ1	US-6,056,994	05-02-2000	Paz de Araujo <i>et al.</i>	
	AK1	US-6,066,581	05-23-2000	Chivukula <i>et al.</i>	
	AL1	US-6,174,564 B1	01-16-2001	Scott <i>et al.</i>	
	AM1	US-6,194,227 B1	02-27-2001	Hase	
	AN1	US-6,343,855 B1	02-05-2002	Sakamaki <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Kind Code <sup>4</sup> (in known)				
KUT	FPD1	EP 0 932 209	07-28-1999	Seiko Epson Corp.		
	FPD2	JP 2-281769	11-19-1990	Oki Electric Ind. Co. Ltd.		
	FPD3	JP 6-40035	02-15-1994	NGK Insulators LTD		

Examiner Signature		Date Considered	1/13/06
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PTO/SB/08b (08-03)  
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				April 2, 2004	
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				Kouji SUMI	
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2853					
<b>Examiner Name</b>					
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Sheet	2	of	2
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
WIT	NPLD1	Chung <i>et al.</i> , "Electrode Stress Effects on Electrical Properties of PZT Thin Film Capacitors", Applications of Ferroelectrics, ISAF 1994, Proceedings of the Ninth IEEE International Symposium, pp. 527-530, August 1994.	
	NPLD2	Yamaguchi <i>et al.</i> , "Ultrasonic Properties of PZT Thin Films in UHF-SHF Ranges - Prepared Sol-Gel Method", Frequency Control Symposium, 1997, Proceedings of the 1997 IEEE International Symposium, pp. 544-551, May 1997.	
	NPLD3	Klee, M. <i>et al.</i> , "Analytical Study of the Growth of Polycrystalline Titanate Thin Films", Philips Journal of Research, Vol. 47, Nos. 3-5:283-285 (1993).	
	NPLD4	Kumar <i>et al.</i> , "Lead Zirconate Titanate Films by Rapid Thermal Processing", Appl. Phys. Lett. 58 (11), March 18, 1991, pp. 1161-1163.	
	NPLD5	Reaney <i>et al.</i> , "Use of Transmission Electron Microscopy for the Characterization of Rapid Thermally Annealed, Solution-Gel Lead Zirconate Titanate Films", Journal of the American Ceramic Society, Vol. 77, No. 5, pp. 1209-1216 (1994).	
WIT	NPLD6	Gary S. Snow, "Fabrication of Transparent Electrooptic PLZT Ceramics by Atmosphere Sintering", 58 Journal of the American Ceramic Society, pp. 91-96 (1973).	

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Sheet

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**of**

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<b>First Named Inventor</b>	Kouji SUMI
<b>Art Unit</b>	2853
<b>Examiner Name</b>	To Be Assigned
<b>Attorney Docket Number</b>	1089.0260003/ALF

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
WMM	FP4	EP 0 689 249 A2	12/27/1995	Philips Patentverwaltung		
WMM	FP5	EP 0 764 992 A1	03/26/1997	Seiko Epson Corp.		

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Signature**

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	NPLD7	Vest R W et al. "PbTiO3 Films From Metalloorganic Precursors" IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control, IEEE Inc. Vol. 35, No. 6 November 1998, pages 711-717.	
	NPLD8	European Search Report October 14, 2004	

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